

FORM 1449 (S&J Version)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Docket No.: 12492.0004-D1

Applicant: GROGER, Howard P. et al

Application No.: 10/073,041

Filing Date: February 12, 2002

Examiner

Group Art Unit: 1743

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

[illegible]

Examiner's
Signature

Date Considered

4/30/04

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Sheet 1 of 4

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FORM 1449 (S&J Version)

Docket No.: 12492.0004

Applicant: GROGER et al.

Application No.: [Div. of 09/095,114]

Filing Date February 12, 2002

Examiner:

Group Art Unit: 1743

10/073041
02/12/02

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document No.	Date MM/YYYY	Inventor	Class	Subclass	Filing Date If Appropriate
AB	5,757,013	5/26/98	Groger et al.	250	458.1	12/6/95
AB	5,196,709	3/23/93	Berndt et al.	250	458.1	5/3/91
AB	4,594,511	6/10/86	Cooper et al.	250	339	3/29/85
AB	5,043,585	8/27/91	Fehrenbach et al.	250	458.1	1/3/90
AB	5,323,010	6/21/94	Gratton et al.	250	458.1	12/1/92
AB	5,212,386	5/18/93	Gratton et al.	250	458.1	12/13/91
AB	5,063,297	11/5/91	Hardenbrook et al.	250	458.1	4/27/90
AB	5,317,162	5/31/94	Pinsky et al.	250	461.2	9/9/92
AB	5,315,122	5/24/94	Pinsky et al.	250	461.2	8/25/92
AB	5,270,548	12/14/93	Steinkamp	250	461.2	7/31/92
AB	5,030,832	7/9/91	Williams et al.	250	458.1	6/8/89
AB	5,548,124	8/20/96	Takeshima et al.	250	458.1	8/25/95
AB	5,606,633	2/25/97	Groger et al.	385	12	6/26/95
AB	5,344,784	9/6/94	Attridge	436	518	11/28/89
AB	5,327,225	7/5/94	Bender et al.	356	445	1/28/93
AB	5,023,053	6/11/91	Finlan	422	82.05	5/22/89
AB	4,997,278	3/5/91	Finlan et al.	356	128	8/16/88
AB	5,035,863	7/30/91	Finlan et al.	422	82.05	5/10/89

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Document No.	Date MM/YYYY	Country	Class	Subclass	Translation	
						Yes	No
AB	300,481	10/1983	Germany East Germany				x
	60-125544	07/04/85	Japan				
	300,481	07/1985	Germany Duplicate				

OTHER DOCUMENTS

Examiner's Initials*	Include author, title of article, title of item (book, journal, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Weiss et al., "Thin Film Monitoring Using Surface Plasmon-Resonance Waveguide Sensors," pp. 1-20, Photonics Research Laboratory, University of Florida, Gainesville, FL
	Kolsch, James A., "Computer Block Diagram", Computer BMP, Arcova, Gainesville, FL
	Groger et al., "Thin Film Sensors to Evaluate Chemical and Biological Threats to Army Structures", February 1992, pp. 1-41, American Research Corporation of Virginia, Radford, VA.
	Churchill et al., "Self-assembled Thin Film Sensors for Aquaculture Process Control", SBIR Phase I Final Report, Dec. 30, 1992, pp. 1-55, American Research Corporation of Virginia, Radford, VA.
	Harvey et al., "Sol-Gel Preparation of Optically Clear Supported Thin-Film Glasses Embodying Laser Dyes", 1992, Chapter 28, pp. 405-424, Supramolecular Architecture, USA.
	Levy, David, "Sol-gel glasses for optics and electro-optics", Journal of Non-Crystalline Solids, Section 10, 147-148 (1992) pp. 508-517, North Holland.
	Reisfeld et al., "Optical Properties of Colorants or Luminescent Species in Sol-Gel Glasses", Structure and Bonding 77, Springer-Verlag, 1992, pp. 239-247, Berlin, Heidelberg.
	Zusman et al., "Doped Sol-Gel Glasses as Chemical Sensors", Journal of Non-Crystalline Solids, Vol. 122, 1990, pp. 107-109, North Holland.

Examiner's Signature

Arden Soderquist

Date Considered

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Examiner's Initials*	Document No.	Date MM/YYYY	Inventor	Class	Subclass	Filing Date If Appropriate
AB	5,055,265	10/8/91	Finlan	422	82.05	5/30/89
	5,313,264	5/17/94	Ivarsson et al.	356	73	11/9/89
	5,067,788	11/26/91	Jansson et al.	385	2	3/21/90
	5,359,681	10/25/94	Jorgenson et al.	385	12	1/11/93
	5,322,798	6/21/94	Sadowski, Janusz W.	436	113	7/4/91
	5,245,410	9/14/93	Villuendas Yuste et al.	356	445	7/16/90
	5,577,137	11/19/96	Groger et al.	385	12	2/22/95
	5,447,845	9/5/95	Chu et al.	435	6	12/6/94
	5,094,517	3/10/92	Franke	385	12	8/10/90
	5,156,972	10/20/92	Issachar	435	288	9/5/90
	4,880,752	11/14/89	Keck et al.	435	7	2/24/89
	5,120,131	6/9/92	Lukosz	356	351	2/14/88
	4,889,690	12/26/89	Optiz et al.	422	73	5/7/87
	4,815,843	3/28/89	Tiefenthaler et al.	356	128	5/29/86
	5,127,405	7/7/92	Alcala et al.	128	633	2/16/90
	5,094,959	3/10/92	Allen et al.	436	172	4/26/89
	4,844,613	7/4/89	Batchelder et al.	356	318	11/2/87
	4,582,809	4/15/86	Block et al.	436	527	8/9/82
	5,302,349	4/12/94	Dandliker et al.	422	82.08	3/6/90
	5,237,631	8/17/93	Gavish et al.	385	12	3/31/92
AB	4,050,895	9/27/77	Hardy et al.	23	230 R	9/17/76

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OTHER DOCUMENTS

Examiner's Initials*	Include author, title of article, title of item (book, journal, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Jahns et al., "Integrated planar optical imaging system with high interconnection density", Optical Letters, Vol. 18, No. 19, Oct. 1, 1993, pp. 1594-1596.
	Tanguay, Armand R., Jr., "Integrated Optical Information Processing" Research Report 1988, USC Optical Materials and Devices Laboratory, pp. 62-71, Los Angeles, CA.
	Feddersen et al., "Digital parallel acquisition in frequency domain fluorimetry", Rev. Sci. Instrum., Vol. 60, No. 9, September 1989, pp. 2929-2936.
	Harvey et al., "Supported sol-gel thin-film glasses embodying laser dyes II: Three-layered waveguide assemblies", SPIE, Vol. 1590, Submolecular Glass Chemistry and Physics, 1991, pp. 59-70.
	Chen et al., "1 to 12 surface-normal three-dimensional optical interconnects", Applied Physics Letters, Vol. 63, No. 14, October 1993, pp. 17-19.
AB	Mangino et al., "Experimental Examination of the Relationship Between Exposure and Desorption of VX from Material Surfaces," Abstract No. 54902e, Chemical Abstracts, July 28, 1997, page 1076, Vol. 127, No. 4

Examiner's Signature	<i>Arden Soderquist</i>	Date Considered	<i>4/30/04</i>
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AB	4,803,049	2/7/89	Hirschfeld et al.	422	58	12/12/84
	4,929,561	5/29/90	Hirschfeld	436	116	8/8/85
	4,654,532	3/31/87	Hirschfeld	250	458.1	9/9/85
	5,227,134	7/13/93	Janata	422	82.08	7/29/91
	5,096,671	3/17/92	Kane et al.	422	82.07	3/15/89
	5,324,635	6/28/94	Kawase et al.	435	7.94	8/24/89
	5,045,282	9/3/91	Kritzman et al.	422	56	10/14/88
	5,093,266	3/3/92	Leader et al.	436	68	2/27/89
	5,114,676	5/19/92	Leiner et al.	422	82.06	7/28/89
	5,308,581	5/3/94	Lippitsch et al.	422	82.08	12/12/91
	Re.31,879	5/7/85	Lubbers et al.	436	133	7/29/82
	5,154,890	10/13/92	Mauze et al.	422	82.07	11/7/90
	5,315,672	5/24/94	Padovani	385	12	9/23/91
	5,019,350	5/28/91	Rhum et al.	422	82.07	2/13/86
	4,548,907	10/22/85	Seitz et al.	436	163	9/14/83
	4,877,747	10/31/89	Stewart	436	525	4/4/86
	4,818,710	4/4/89	Sutherland et al.	436	527	12/6/85
	4,980,278	12/25/90	Yamada et al.	435	7	4/24/89
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AB	Shea, K.J. et al, Macromolecules 1989, 22, 1722-1730
AB	McGill, R.A. et al, Polym. Prepr. - Am. Chem. Soc. Div. Polym. Chem. 1990, 31, 578-579
AB	Paley, M.S. et al, Macromolecules 1990, 23, 4557-4564
AB	Mitchell, D.J. et al, J. Chem. Phys., 1977, 67, 4832-4834
AB	Giuliani, J.F. et al, ACS Symp. Ser., 1986, 309, 320-329
AB	McGill, R.A. et al, ACS Symp. Ser., 1994, 561, 280-294
AB	Kettner, R. et al, J. Phys. Chem., 1994, 98, 6671-6674

Examiner's Signature	<i>Arden Sodergaard</i>	Date Considered	4/30/04
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Examiner's Signature	<i>Colin Soderquist</i>	Date Considered	4/30/04
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